

Abstract of the Disclosure

A pressure relief valve includes a housing having a passage formed therein for connection with a fluid source and a seal surface positioned about an opening in the passage. A valve member positioned within the housing is movable along an axis within the cavity to selectively engage the seal surface in a sealing relationship. The housing is sized and shaped to substantially restrict movement of the valve member to a direction parallel to the axis. A spring is coupled to the valve member to apply a spring force to the valve member to bias the valve member into contact with the seal surface. In operation, the valve member may separate from the seal surface upon application of a fluid pressure force on the valve member that is greater than the spring force thereby allowing pressurized fluid to pass through a discharge opening in the housing.

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